

Injury-related Outpatient Observation Stays¹

2014

Injury Surveillance Program, Massachusetts Department of Public Health

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MASSACHUSETTS RESIDENTS²

INJURY CAUSE	INJURY INTENT					Total Number	Percent of Total	Crude Rate per 100,000 ⁴
	Uninten- tional	Intentional		Undeter- mined	Other & Legal ³			
		Self- inflicted	Assault					
Cut/pierce	129	77	93	<11	0	<309	1.8	4.5
Drowning/submersion	<11	0	0	0		<11	0.0	--
Fall	5,596	<11	<11	<11		5,600	34.3	83.0
Fire/burn	85	<11	<11	<11		90	0.6	1.3
<i>Fire/flare</i>	28	<11	<11	<11		32	0.2	0.5
<i>Hot object/substance</i>	57	<11	0	0		<68	0.4	0.9
Firearm	<11	<11	33	<11	<11	44	0.3	0.7
Machinery	48					48	0.3	0.7
Natural/Environmental	305	<11		<11		311	1.9	4.6
<i>Dog bites</i>	50	0		0		50	0.3	0.7
<i>Other bites & stings</i>	197	0		0		197	1.2	2.9
<i>All other (e.g. extreme cold)</i>	58	<11		<11		64	0.4	0.9
Overexertion	258					258	1.6	3.8
Poisoning	593	287	0	146	0	1,026	6.3	15.2
Struck by, against	307		138		<11	<458	2.7	6.6
Suffocation	31	<11	<11	0		36	0.2	0.5
Transport-related Injuries	964	0	0	0		964	5.9	14.3
<i>Motor vehicle traffic-related</i>	752	0	0	0		752	4.6	11.1
<i>Occupant</i>	477					477	2.9	7.1
<i>Motorcyclist</i>	74					74	0.5	1.1
<i>Pedal cyclist</i>	34					34	0.2	0.5
<i>Pedestrian</i>	95					95	0.6	1.4
<i>Other person</i>	<11					<11	0.1	--
<i>Unspecified</i>	63					63	0.4	0.9
<i>Pedal cyclist, other</i>	104					104	0.6	1.5
<i>Pedestrian, other</i>	<11					<11	0.1	--
<i>Transportation, other</i>	99					99	0.6	1.5
Other-specified & classifiable	433	<11	42	0	0	479	2.9	7.1
Other specified, not classifiable	179	14	30	<11	0	225	1.4	3.3
Unspecified	691	<11	55	<11	0	753	4.6	11.2
Adverse effects ⁵	--	--	--	--	--	89	0.5	1.3
Cause and Intent are not provided	--	--	--	--	--	5,671	34.7	84.1
TOTALS⁶	9,632	393	398	163	<11	16,350	100.0	242.4
RATE BY INTENT/per 100,000	142.8	5.8	5.9	2.4	--			

Data Source: Massachusetts Outpatient Observation Stays Database, Center for Health Information and Analysis (CHIA). Data are collected and reported by fiscal year (Oct. 1, 2013 - Sept. 30, 2014). Data do not include patients who died.

- Counts represent the number of injury-related *ED discharges*, rather than the number of individuals treated. This is because individuals may be counted more than once if they have multiple ED visits in the same year for the same or different injuries.
Injury case definition: ICD-9-CM diagnostic code of 800-909.2, 909.4, 909.9, 910-994.9, 995.50-995.59 or 995.80-995.85 in the primary diagnosis field OR an External cause-of-injury code (E-code) of E800-E869, E880-E929 or E950-E999.1 in any diagnosis field.
Injury categories are based on the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data."
- Massachusetts residents treated at a MA acute care hospital during this time period.
- Legal Intervention includes injuries resulting from police actions and operations of war.
- Crude rates per 100,000 MA residents are based on the 2014 postcensal estimate for the MA population of 6,745,408 (U.S. Census Bureau). Counts of less than 11 and associated counts are suppressed due to CHIA data confidentiality guidelines.
- Adverse effects can be related to medical and surgical care procedures, or to the use of therapeutic substances (including allergic reactions).
- Totals do not include subcategory (italicized) counts.